AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.   (canceled)

2.   (currently amended)   A system according to claim 36, in which said co-ordinating program comprises code for transmitting said co-ordinating program and said plurality of heterogeneous programs to said at least one ~~another~~ second computer, in response to a predetermined criterion.

3.   (currently amended)   A system according to claim 2, in which said co-ordinating program is arranged to determine ~~one of~~ the at least one second ~~a plurality of~~ computer[[s]] to move ~~to~~ said code for transmitting said co-ordinating program and said plurality of heterogeneous programs.

4.   (currently amended)   A system according to claim ~~3~~2, wherein said at least one second computer comprises at least two second computers, and in which said co-ordinating program is arranged to store a sequence defining an order of preference ~~of said~~ for said at least two second computers to move ~~to~~said code for transmitting said co-ordinating program and said plurality of heterogeneous programs.

5.   (previously presented)   A system according to claim 36, in which said co-ordinating program comprises monitoring code for monitoring the status of said

at least one second computer.

6.   (previously presented)   A system according to claim 2, in which

said predetermined criterion comprises a reduction in computing capacity of said at least

one second computer.

7.   (currently amended)   A system according to claim 5, in which said co-

ordinating program is arranged to control each <u>one of said plurality of</u> heterogeneous

program<u>s</u> in dependence upon said monitoring.

8.   (previously presented)   A system according to claim 7, in which the

co-ordinating program is arranged to control the number of said plurality of

heterogeneous programs in dependence upon said monitoring.

9.   (currently amended)   A system according to claim 36, in which said <u>at

least one second computer comprises at least two second computers and</u> at least one

heterogeneous program <u>of said plurality of heterogeneous programs</u> comprises code for

transmitting said <u>at least one</u> heterogeneous program to <u>another one of said at least one

second</u> ~~another~~ computer<u>s</u>, in response to a move instruction from said co-ordinating

program, and said co-ordinating program is arranged to transmit a <u>said</u> move instruction.

10.   (previously presented)   A system according to claim 9, in which

said co-ordinating program is arranged to transmit a move instruction in response to said

monitoring of status of said at least one second computer.

11.   (currently amended)   A system according to claim 36, in which the co-ordinating program is arranged to be capable of removing each of <u>said plurality of</u> the at least one heterogeneous program<u>s</u> from the <u>each of said</u> at least one second computer and to terminate execution thereof.

12.   (currently amended)   A system according to claim 11, in which the at least one <u>of said plurality of</u> heterogeneous program<u>s</u> each comprise<u>s</u> code for causing the at least one second computer to remove and terminate the at least one heterogeneous program, and are arranged to do so in the absence of a signal from the co-ordinating program under predetermined conditions.

13.   (currently amended)   A system according to claim 36, in which the first computer is programmed to access a plural number of second computers to determine, for each, whether it will support said co-ordinating program and said plurality of heterogeneous computer programs and, where a second computer will not support a <u>said</u> co-ordinating program and said plurality of heterogeneous computer programs, to transmit thereto, and cause to execute thereon, a support program to adapt said at least one second computer to support said co-ordinating program and said plurality of heterogeneous computer programs.

14.   (currently amended)   A system according to claim 36, in which the first computer is programmed to transmit, to a plurality of second computers via said link, data defining a monitoring program comprising monitoring code for monitoring a respective said at least one second computer, and code for communicating with said first

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computer; and said first computer is arranged to receive status data from ~~the or each~~ said

monitoring program and <u>said first computer is arranged</u> to control the operation of ~~the~~

<u>said</u> co-ordinating program and ~~the~~ <u>said</u> plurality of heterogeneous computer programs in

dependence thereon.

15.   (previously presented)   A system according to claim 14, in which

the first computer is arranged to signal computer selection data to a co-ordinating

program in dependence upon said monitoring data.

16.   (previously presented)   A system according to claim 14, in which

said monitoring code is for monitoring the memory of said at least one second computer.

17.   (previously presented)   A system according to claim 14, in which

said monitoring code is for monitoring the utilisation of the processor of said at least one

second computer.

18.   (previously presented)   A system according to claim 14, in which

said monitoring code is for monitoring the storage capacity of said at least one second

computer.

19.   (previously presented)   A system according to claim 14, in which

said monitoring code is for monitoring use of an input device of said at least one second

computer.

20.   (currently amended)   A system according to claim 14, in which said

monitoring code is for monitoring a battery of said ~~at least one~~ second computer.

21.-28. (canceled)

29.   (currently amended)   A method of remote computing comprising:

supplying a plurality of parallel processing task programs from a first computer to

~~at least one~~ a second computer;

supplying a co-ordinating program from said first computer to said second

computer; and

co-ordinating operation of the <u>plurality of parallel processing</u> task programs <u>on</u>

<u>said second computer</u> through the co-ordinating program executed on ~~the~~ <u>said</u> second

computer.

30.   (canceled)

31.   (previously presented)   The method as in claim 37, wherein

execution of the co-ordinating program results in transmission of the co-ordinating

program to another computer in response to a predetermined criterion.

32.   (previously presented)   The method as in claim 31, wherein the

predetermined criterion relates to a reduction in computing capacity of the at least one

second computer.

33.   (previously presented)   The method as in claim 31, wherein the execution of the co-ordinating program results in determination of to which one of a plurality of other computers the co-ordinating program will be transmitted.

34.   (previously presented)   The method as in claim 31, wherein execution of the co-ordinating program results in monitoring of the status of the at least one second computer with respect to the predetermined criterion.

35.   (previously presented)   The method as in claim 37, wherein execution of the co-ordinating program enables a determination of whether another computer will not support the co-ordinating program and said plurality of heterogeneous computer programs and upon the determination that the another computer will not support the co-ordinating program and said plurality of heterogeneous computer programs, transmitting from the at least one second computer a support program to adapt the another computer to support the co-ordinating program and said plurality of heterogeneous computer programs .

36.   (currently amended)   A remote computing system comprising:

a first computer; and

at least one second computer coupled thereto via a communications link;

said first computer being programmed to transmit to ~~one of~~ said at least one second computer via said link:

i)   data defining a plurality of heterogeneous programs for performing a computing task at said <u>at least one</u> second computer, said data comprising, <u>for</u> each <u>one</u>

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of said plurality of heterogeneous programs, code for performing at least a part of said

task and for communicating with a co-ordinating program located at said second

computer, said plurality of heterogeneous programs being arranged for parallel ~~executing~~

execution on the at least one second computer; and

ii)   data defining said co-ordinating program, said data comprising code for

communicating with and for co-ordinating said plurality of heterogeneous programs on

said at least one second computer and code for communicating with said first computer,

said at least one second computer thereby being programmed to receive said data

~~defining the plurality of heterogeneous programs and said data defining said co-~~

~~ordinating program,~~ and to execute, in parallel, said co-ordinating program and said

plurality of heterogeneous programs.

37.   (currently amended)   A method of implementing a task by remote

computing, the method comprising:

providing a first computer and at least one second computer which is remotely

located from the first computer and coupled to the first computer via a communications

link;

transmitting from the first computer to the at least one second computer via the

communications link a co-ordinating program and a plurality of heterogeneous programs

for implementing said task; and

receiving in the at least one second computer the co-ordinating program and the

plurality of heterogeneous programs and executing in parallel the co-ordinating program

and the plurality of heterogeneous programs;

wherein the execution of the co-ordinating program co-ordinates the operations of

the plurality of heterogeneous programs on the second computer and results in

communication with the first computer, and execution of ~~at least one~~ each of the plurality

of heterogeneous programs performs at least part of said task.

38.   (new) The method as in claim 29, wherein execution of the co-ordinating

program by the second computer determines whether to move the co-ordinating program

from the second computer to a third computer which is remotely located from the first

and second computers.

39.   (new) The method as in claim 29, wherein execution of the co-ordinating

program by the second computer moves the co-ordinating program from the second

computer to a third computer which is remotely located from the first and second

computers.

40.   (new) The method as in claim 29, wherein execution of the co-ordinating

program by the second computer includes receiving a message from a scout agent

program being executed on a third computer which is remotely located from the first and

second computers.

41.   (new) The method as in claim 37 further comprising providing another

computer which is remotely located from the first computer and the at least one second

computer and which is coupled to the first computer and the at least one second computer

via the communications link, wherein a scout agent program executed by the another

computer communicates with the co-ordinating program while executed by the at least

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one second computer.

42.   (new)   The remote computing system as in claim 36, further comprising another computer coupled to the first computer and the at least one second computer via the communications link, the another computer executing a scout agent program which communicates with the co-ordinating program while executed by the at least one second computer.

43.   (new)   A method of remote computing comprising:

supplying a co-ordinating agent program together with a plurality of parallel processing task programs from a first computer to a second computer remotely located from the first computer; and

executing the co-ordinating program on the second computer to control operation of the plurality of parallel processing task programs on the second computer via local communication.

44.   (new)   The method as in claim 43, wherein execution of the co-ordinating program by the second computer determines whether to move the co-ordinating program from the second computer to a third computer which is remotely located from the first and second computers.

45.   (new)   The method as in claim 43, wherein execution of the co-ordinating program by the second computer includes receiving a message from a scout agent

program being executed on a third computer which is remotely located from the first and

second computers.